



1636

PATENT  
CASE NO. 19188PCA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In re application of: LIU ET AL.  
Serial No. 09/393,803  
Filed September 10, 1999  
Group Art Unit 1636  
Examiner Gerald Leffars, Jr.  
For: COORDINATE IN VIVO GENE EXPRESSION

Transmitted herewith is an amendment in the above-identified application.

- ☒ No additional fee is required.  
☐ The fee has been calculated as shown below.

CLAIMS AS AMENDED

(1)	(2) Claims remaining after amendment	(3)	(4) Highest Number Previously Paid For	(5) Present Extra	(6) Rate	(7) Additional Fee
Total Claims	* _____	-	** <u>20</u> =	<u>0</u> X	\$18	= <u>0.00</u>
Independent Claims	* _____	-	*** <u>3</u> =	<u>0</u> X	\$86	= <u>0.00</u>
Multiple Dependent Claims					\$290 ****	= _____
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						0.00

\* If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5.

\*\* If the "Highest Number Previously Paid For" in this space is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" in this space is less than 3, write "3" in this space.

\*\*\*\* Add this fee only if application is amended to include multiple dependent claims (regardless of number) and no multiple dependent claims were originally filed.

Charge \$ 0.00 to Deposit Account No. 13-2755. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2755. A duplicate copy of this sheet is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date appearing below.

By J. Mark Hand Date 2/12/04  
MERCK & CO., INC.  
Reg. No. 36,545

Respectfully,

J. Mark Hand  
By: J. Mark Hand

Attorney \_\_\_\_\_ for Applicant(s)

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Date: February 12, 2004

IN DUPLICATE



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Liu, et al

Serial No.: 09/393,803 Case No.: 19188PCA

Filed: September 10, 1999

For: COORDINATE IN VIVO GENE EXPRESSION

Art Unit: 1636

Confirmation No.: 3309

Examiner:

Leffars, Gerald, Jr.

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTICE TO COMPLY RE  
SUBMISSION OF SEQUENCE LISTING;  
AMENDMENT, 37 CFR 1.111**

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8(a)

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING  
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ON THE DATE APPEARING BELOW.

BY: J. Mark Karp  
DATE: FEBRUARY 12, 2004  
MERCK & CO., INC.

Sir:

In response to the Notice to Comply With Requirements For Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures, mailed 16 January 2004, Applicants herewith submit a paper copy and diskette for the above identified application. The following statements are made as required by 37 C.F.R. 1.821(f):

I hereby state that the content of the paper and computer readable copies of the Sequence Listing are the same.

I hereby state that the content of the paper and computer readable copies of the Sequence Listing contain no new matter

In addition, please enter to following amendments to the specification and drawings, as described herein. No fee has been calculated to be due in regard to the entry the paper and computer readable copies of the sequence listing, as well as amendments to the specification and drawings. However, if any fee is due, please charge the fee(s) to Deposit Account No. 13-2755, as a large entity. No extension of time for entry of this amendment has been calculated to be due. However, in the event any extension of time is required for entry of this Rule 111 Amendment, please treat this paper as a request under 37 C.F.R. §1.136(a) to extend the time as required, and charge Deposit Account No. 13-2755 the appropriate fee as a large entity. Please credit any overpayment or charge any fee deficiency to Deposit Account No. 13-2755.

*Amendments to the Specification* begin on page 3 of this paper

*Amendments to the Claims* -None:

*Amendments to the Drawings* – begin on page 4 of this paper and include both an attached replacement sheet and an annotated sheet showing changes for Figure 6E, Figure 7E and Figure 11D.

*Remarks* begin on page 5 of this paper.